

REMARKS

Reconsideration and allowance are respectfully requested in view of the foregoing amendments and the following remarks.

Claims 1-3, 5-21 and 23-32 are pending in this application.

Claims 4 and 22 have been canceled without prejudice.

Claims 29-32 are new claims.

Regarding the Drawings

The office action indicates that the subject matter of the present application admits an illustration by a drawing to facilitate understanding of the invention. Under 37 C.F.R. § 1.81, Applicant respectfully points out that a feedback amplifier circuit is well known in the art. Such a feedback amplifier circuit would have stages just like the staged amplifier circuit of FIGURE 5. Furthermore, FIGURE 3, element 300, depicts an amplifier circuit which may also be a feedback amplifier circuit. 37 C.F.R. § 1.81(a) requires the applicant for patent to furnish a drawing of his or her invention where necessary for the understanding of the subject matter sought to be patented. Applicant respectfully submits that the present specification and drawings (page 2, lines 14-16; page 6, lines 18-21; and FIGURES 3 and 5) provide enough information such that it is not necessary to provide another drawing depicting a feedback amplifier stage or stages. Applicant therefore respectfully traverses the request for an additional drawing to support claim 7.

Applicant further indicates that should the Examiner continue to require a drawing, Applicant respectfully requests that the Examiner specifically indicate § 1.81(c) with the language contained therein such that the new drawing will not be considered new matter.

Regarding the Allowable Subject Matter

Applicant appreciates the Examiner's indication that claims 4 and 22 are objected to as being dependent upon a rejected based claim. Applicant further appreciates that claims 4 and 22 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. As such, Applicant has amended independent claim 1 to include the limitations of claim 4 and is further amended independent claim 19 to include the limitations of claim 22. Applicant therefore respectfully submits that independent claims 1 and 19 are ready for allowance.

Regarding the § 102 Rejections

Claims 1, 2, 5, 8, 10, 16, 19, 20, 23 and 25 were rejected under 35 U.S.C. § 102(b) for being anticipated by Titus et al. (U.S. Patent No. 4,994,755).

Applicant respectfully traverses this rejection based on allowable independent claims 1 and 19. Applicant respectfully submits that claims 1, 2, 5, 8, 10, 16, 19, 20, 23 and 25 are ready for allowance.

Claims 1, 2, 7, 16, 17, 18, 19, 20, and 28 were rejected under 35 U.S.C. § 102(b) for being anticipated by Pyndiah et al (U.S. Patent No. 5,087,898). Applicant respectfully traverses this rejection based on claims 1 and 19 based on amended independent claims 1 and 19 being allowable. As such, Applicant respectfully submits that claims 1, 2, 7, 16, 17, 18, 19, 20 and 28 are ready for allowance.

Claims 1-3, 8, 9, 12-16, 19-21, 23 and 24 were rejected under 35 U.S.C. § 102(b) as being anticipated by Helms (U.S. Patent No. 4,947,136). Applicant respectfully traverses this rejection.

As discussed above with respect to independent claims 1 and 19 being allowable, Applicant respectfully submits that claims 1-3, 8, 9, 12-16, 19-21, 23 and 24 are also ready for allowance.

Applicant further indicates that Helms may operate differently than that which is claimed in the present invention. In particular, Applicant submits that in FIGURES 2A and 2C of Helms, transistors T1-T5 may be read as an amplifier circuit. Irregardless, capacitors C12-C14, resistor R1, and inductors L5-L7 may not be read as a group delay equalizer circuit. Instead, they appear to be low pass filter providing a path for supplying drain potentials to the FBGFETs in addition to a matched terminating impedance for the drain connected transmission line. The low pass filter structure for the drain supply has a cutoff frequency of 2 Ghz. See col. 6, lines 37-60.

Regarding the § 103 Rejection

Claims 3 and 21 were rejected under 35 U.S.C. § 103(a) as being rendered obvious by Titus et al in view of Pyndiah et al. Applicant respectfully traverses this rejection based on the allowable independent claims 1 and 19. As such, Applicant submits that claims 3 and 21 are ready for allowance.

Regarding the new claims

New claims 29, 30, 31 and 32 have been added and claim aspects of the present invention that are not anticipated or rendered obvious by any of the cited art. Applicant respectfully

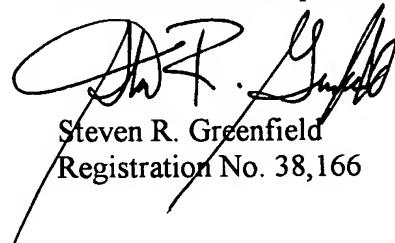
submits that claims 29-32 are new and useful and worthy of patentability. Applicant respectfully submits that these claims are ready for allowance.

Should the Examiner have any further questions or comments facilitating allowance, the Examiner is invited to contact Applicant's representative indicated below to further prosecution of this application to allowance and issuance.

In view of the above, it is believed that this application is in condition for allowance, and such a Notice is respectfully requested.

Respectfully submitted,

JENKENS & GILCHRIST,
A Professional Corporation



Steven R. Greenfield
Registration No. 38,166

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1445 Ross Avenue, Suite 3200
Dallas, Texas 75202-2799
(Direct) 214/855-4789
(Fax) 214/855-4300